



V501, EDITION 3

Prepared by the U.S. Army Topographic Command (K), Washington, D.C. Compiled in 1961 by photogrammetric methods and from United States quadrangles, 1:24,000, 1:25,000, 1:31,680, 1:50,000, and 1:62,500, 1931-56. Planimetry revised from aerial photographs taken 1956-58. Map field checked 1962. Revised in 1974 by the U.S. Geological Survey from aerial photographs taken 1972.

100,000-foot grids based on Pennsylvania coordinate system, north zone

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES

- Over 500,000
- 100,000 to 500,000
- 25,000 to 100,000
- 5,000 to 25,000
- 1,000 to 5,000
- Less than 1,000

ROADS

- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Interchange
- Route markers: Interstate, U.S., State
- Mine

RAILROADS

- Normal gauge
- Single track
- Double or multiple track
- Landplane airport
- Landing area
- Seaplane airport
- Orchard
- Intermittent or dry stream
- Power line

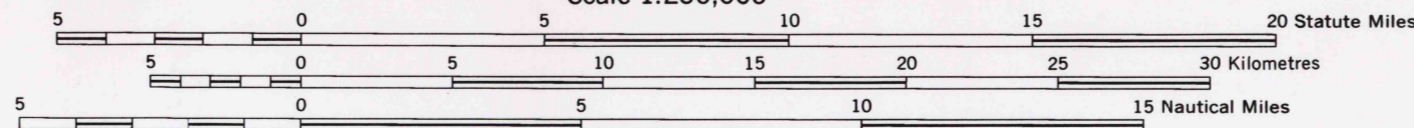
BOUNDARIES

- International
- State
- County
- Park or reservation

Other symbols:

- Landmark: School; Church; Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

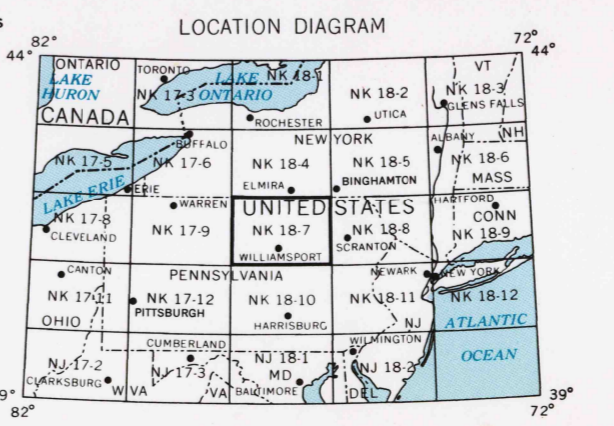
Scale 1:250,000



CONTOUR INTERVAL 100 FEET
WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 18
370 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 10° 04' WEST TO 10° 10' WEST AT THE CENTER OF THE SHEET TO 10° 10' WEST AT THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092



GRID ZONE DESIGNATION		TO GIVE A STANDARD REFERENCE TO THIS SHEET TO NEAREST 1000 METRES	
18T	UB	460	UB
100,000 M. SQUARE IDENTIFICATION			
TA	UA	VA	UB
30	40	50	60
1. Read letters identifying 100,000 metre square in which the point lies. 2. Locate the vertical grid line to the left of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself. 3. Locate first HORIZONTAL grid line below tenth level and read LARGE figure labeling the line either in the left or right margin, or on the line itself. Estimate tenths from grid line to point.			
FIGURE THE SMALLER figure of any grid number; these are for showing the true coordinates. Use ONLY THE LARGER figure of the grid number.		SAMPLE REFERENCE 18TUB460UB 18TUB460	

USGS HISTORICAL FILE TOPOGRAPHIC DIVISION
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